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RCRA

Federal Cases

Watch List

State Framework

Detailed Facility Report



For Public Release - Unrestricted Dissemination Report Generated on 08/06/2013 US Environmental Protection Agency - Office of Enforcement and Compliance Assurance

Gray text in this report indicates information that is not required to be reported to EPA. These data, typically regarding non-major or smaller facilities, are often incomplete.

Facility Permits and Identifiers

Statute	System	Source ID	Facility Name	Street Address		A	_
	FR\$	110000353466	INTERNATIONAL PAPER GEORGETOWN MILL		City	State	Zip
CAA	RMP	100000051686	INTERNATIONAL PAPER GEORGETOWN MILE	700 S. KAMINSKI ST.	GEORGETOWN	sc	29440
SCA	TSCA	100600769					
AA	AFS	4504300002	INTERNATIONAL PAPER GEORGETOWN MILL	700 S KAMINSKI ST	GEORGETOWN	sc	29440
CAA	-	4504300044	INTERNATIONAL PAPER CONTAINER DIVISION	1480 INTERNATIONAL DR	GEORGETOWN	_	29440
AA	GGR	1007912	International Paper - Georgetown Mill	700 S. KAMINSKI ST.	GEORGETOWN		29440
WA		SC0000868	INTERNATIONAL PAPER/GEORGETOWN	700 S KAMINSKI ST	GEORGETOWN		29440
AA	NEI	NE 41313	INTERNATIONAL PAPER:CONTAINER		OLONGE/OTH		29440
AA	NEI	NEI41314	INTERNATIONAL PAPER GEORGETOWN MILL			_	
CRA	RCR	SCD000828996	INTERNATIONAL PAPER COMPANY	700 S KAMINSKI ST	GEORGETOWN		29440
CRA	RCR	SCD000829002	INTERNATIONAL PAPER CONTAINER	HWY 17 SOUTH & KAMINSKI STREET			29440
P313	TRI	29442NTRNTKAMIN	INTERNATIONAL PAPER GEORGETOWN MILL	700 S KAMINSKI ST	GEORGETOWN GEORGETOWN		29440 29440

Facility Characteristics

Statute	Source ID	Universe	Status	Areas	Permit Expiration Date	Latitude/ Longitude	Indian Country?	SIC Codes	NAICS Codes
	110000353466					LRT: 33.364166 , -79.303279	No		
CAA	4504300002	Major (Fed. Rep.)	Operating	MACT (SECTION 63 NESHAPS), TITLE V PERMITS , SIP , NSPS			NA	2611	322121
CAA	4504300044	Major (Fed. Rep.)	Operating	MACT (SECTION 63 NESHAPS), TITLE V PERMITS . SIP			NA	2021	
CAA	1007912	Direct emitter	2011 reporter	Industry type(s): Pulp and Paper Manufacturing, Stationary Combustion, Industrial Waste Landfills		33.3641	NA NA	 	322211 322121
	SC0000868	Major: NPDES Individual Permit	Effective		05/31/2016	33 367222	No	2631	
		sqg	Active (H)				N		11110
RCRA	SCD000829002	CESQG	Active (H)		·		No No		11112
EP313	29442NTRNTKAMIN			· · · · · · · · · · · · · · · · · · ·	 	33.3633	No	2244	
L		····		the permitting authority has not yet issued a new permit to there exists	1	-79.2991	NA		322110 322130

authority has not yet issued a new permit. In these situations, the expired permit is normally administratively extended and kept in effect until the new permit is issued.

For the RCRA program, activities that contribute to an overall facility status of Active are displayed in parentheses using the acronym HPACS, where H indicates handler activities, P - permitting, A - corrective action, C - converter, and S - state-specific. More information is available in the Data Dictionary.

Inspection and Enforcement Summary Data

Statute	Source ID	Insp. Last 05Yrs	Date of Last Inspection	Formal Enf Act Last 05 Yrs	Penalties Last 05 Yrs
CAA	4504300002	4	08/02/2012	4	\$384,000
CAA	4504300044	3	08/24/2011	0	\$00
CWA	SC0000868	4	09/02/2010	0	
RCRA	SCD000828996	1	02/24/2009	0	\$00
RCRA	SCD000829002	0	09/19/1995		\$00
					\$00

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
AA	4504300002		STATE/LOCAL CONDUCTED FCE/ON-SITE	State	07/24/2008	Tindang
AA	4504300002	AFS	STATE/LOCAL PCE/ON-SITE	State	02/25/2009	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED
:AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED ; Pollutant=PT
:AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED ; Pollutant=NO
AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED ; Pollutant=SO2
CAA .	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED; Pollutant=CO
AA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State		Result=IN COMPLIANCE
AA	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE		03/11/2009	ACCOUNT ENAINCE
AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST			Result=STACK TEST PASSED
AA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE		04/08/2009	THE SELECT PROPERTY ASSETS
:AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST			Result=STACK TEST PASSED
AA	4504300002	<i>AFS</i>	OWNER/OPERATOR-CONDUCTED SOURCE TEST			Result=STACK TEST PASSED ; Pollutant=SO2
AA	4504300002	AFS .	OWNER/OPERATOR-CONDUCTED SOURCE TEST			Result=STACK TEST PASSED , FUILIBILE-SOZ
AA	4504300002	AFS .	OWNER/OPERATOR-CONDUCTED SOURCE TEST			Result=STACK TEST PASSED
AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST			Result=STACK TEST PASSED : Pollutant=CO
AA	4504300002	AFS	STATE/LOCAL PCE/ON-SITE		06/06/2011	TOUR STACK TEST FASSED, Folialant-CO
AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST			Result=STACK TEST PASSED ; Pollutant=PT
AA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE		12/21/2009	TOOSE OTHOR (20) FASSED, PONDIANEPT
AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	***************************************		Result=STACK TEST PASSED
AA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S			Result=IN COMPLIANCE
AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST			Result=STACK TEST PASSED
AA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE		04/20/2010	ACCOUNT OF TEST PASSED

1A 4	504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	05/05/2010	Result=STACK TEST PASSED ; Pollutant=PT
	504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		
	504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED
	504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	12/10/2010	- CTAOK TECT DACCED - Dollatont-OT
	504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED; Pollutant=PT Result=STACK TEST FAILED; Pollutant=VOC
	504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		
	504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	03/08/2011	Result=IN COMPLIANCE
0,	504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED
	504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	05/03/2011	
91	504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/27/2011	S W OTLOW TOOT PACCED
	1504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED
	1504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED ; Pollutant=THAP
, , ,	1504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED
	1504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/28/2011	
701	504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	07/07/2011	
	1504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED
	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/21/2011	Result=STACK TEST PASSED ; Pollutant=PT
	4504300002	AFS	STATE/LOCAL PCE/ON-SITE	State	06/19/2012	
	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	10/19/2011	THE RESERVE THE PROPERTY OF TH
· · · · · · · · · · · · · · · · · · ·	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/02/2011	Result=STACK TEST PASSED ; Pollutant=THAF
	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	02/15/2012	Result=IN COMPLIANCE
70.	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/02/2012	Result=STACK TEST PASSED
	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/15/2012	Result=STACK TEST PASSED ; Pollutant=PT
7	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	05/09/2012	Result=STACK TEST PASSED
	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	08/02/2012	
7 3 1	4504300002 4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/01/2012	Result=STACK TEST PASSED
	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/07/2012	Result=STACK TEST PASSED ; Pollutant=THAF
77.0	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	12/12/2012	
		AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED ; Pollutant=SO2
	4504300002 4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State		Result=IN COMPLIANCE
37 0 1	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED ; Pollutant=NOX
CAA		AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	06/26/2012	Result=STACK TEST PASSED ; Pollutant=TS
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/01/2013	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	01/25/2013	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/ON-SITE	State	10/22/2008	
CAA	4504300044		TV COMPLIANCE CERTIFICATION REVIEW BY S	State	11/05/2008	Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	11/19/2008	
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	03/10/2010	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	12/02/2009	Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	03/12/2010	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/17/2010	Result≃IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	03/10/2011	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/16/2011	Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOGAL CONDUCTED FCE/ON-SITE	State	08/24/2011	
CAA	4504300044	AFS	STATE/LOCAL POE/ON-SITE	State	12/13/2012	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/07/2012	Result=IN COMPLIANCE
CAA	4504300044	AFS		EPA	09/07/2011	
EPCRA / §313	2600053539	ICIS	Late/Non Reporter	EPA	09/07/2011	
CAA / §112 R 7	2600080370	ICIS	Evaluation Evaluation (CEI); NPDES - Base Program	State	09/16/2009	
CWA	SC0000868	ICP	Biomonitoring (CBI), Sampling (SA1), Evaluation (CEI); NPDES - Base Program	State	03/17/2010	
CWA	SC0000868	ICP	Evaluation (CEI); NPDES - Sanitary Sewer Overflow (SSO)	State	09/01/2010	
CWA	SC0000868	ICP	Evaluation (CEI); NPDES - Sanitary Sewer Overflow (SSO)	State	09/02/2010	
CWA	SC0000868	ICP	COMPLIANCE EVALUATION INSPECTION ON-SITE	State	02/24/2000	No Violations Or Compliance Issues Were Foun

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

mation on the nature of alleged violations is available on the FAQ page



Information on the	nature of alleged violations is ava		Description	Current As Of	Qtrs in NC (of 12)
Statute	Source ID	Current SNC/HPV?	Description	06/22/2013	5
CAA	4504300002	NO		06/22/2013	
CAA	4504300044	NO			
CWA	SC0000868	NO		Jan-Mar13	
RCRA	SCD000828996	No		06/19/2013	ļ
		No		06/19/2013	<u> </u>
RCRA	SCD000829002	No			

Three Year Compliance Status by Quarter

Violations shown in a given quarter do not necessarily span the entire 3 months. Information on the nature of <u>affect violations</u> is available on the FAQ page, and information on the duration of non-compliance is available at the end of this report.

				AIR C	ompliance Statu	s						
Statute:Source ID CAA: 4504300002	QTR1 Jul-Sep10	QTR2 Oct-Dec10	QTR3 Jan-Mar11	QTR4 Apr-Jun11	QTR5 Jul-Sep11	QTR6	QTR7 Jan-Mar12	QTR8 Apr-Jun12				QTR12 Apr-Jun13
HPV History	Addrs-State		Unaddr-State	Unaddr-State	Unaddr-State	Unaddr-State		<u> </u>	<u> </u>	<u> </u>	<u> </u>	
Program/Pollutant in Current Violation	1						T		1	T	T	
MACT (SECTION 63 NESHAPS)	V-NO SCH						 	 		 	1	
TITLE V PERMITS	S-MSched						 	 	 	 		
SIP			V-NO SCH	V-NO SCH	V-NO SCH	V-NO SCH	 	 	+	 	 	
				<u> </u>		1	1	(10 - b	hann addrass	ad with a form	nal enforceme	ent action, but
NSPS	action: "Linaddr" n	nanns the faci	lity has not yet be	en addressed wit	h a formal enforce	ement action. "Ad	drs means th	e tacility nas	been address	eu with a lon	-Middelion: Co	Compliance

High Priority Violator (HPV) History section: "Unaddr" means the facility has not yet been addressed with a formal enforcement action. "Addrs" means the facility has been addressed with a formal enforcement action, but its violations have not been resolved. Lead Agency designated can be US EPA, State, Both, or No Lead Determined. If HPV History is blank, then the facility was not a High Priority Violator. V=Violation, S=Compliance Schedule.

Schedule.				AIR	Compliance	Status						
Statute:Source ID	QTR1 Jul-Sep10	QTR2 Oct-Dec10	QTR3 Jan-Mar11	QTR4 Apr-Jun11	QTR5 Jul-Sep11	QTR6 Oct-Dec11	QTR7 Jari-Mar12	QTR8 Apr-Jun12	QTR9 Jul-Sep12	QTR10 Oct-Dec12	QTR11 Jan-Mar13	QTR12 Apr-Jun13
CAA: 4504300044 HPV History	вагосрто			<u> </u>			1		<u> </u>	<u> </u>	<u> </u>	
Program/Pollutant in Current Violation MACT (SECTION 63 NESHAPS)	П							 				
TITLE V PERMITS				1	_L	<u> </u>	<u> </u>	<u> </u>	<u> </u>	. L	1	

												1	age 50
l													
SIP													
High Priority Violator (HP\ its violations have not bee Schedule.	V) History se en resolved.	ection: "Unadd Lead Agency	ir" means the f designated ca	acility has not y n be US EPA, s	ret been addres State, Both, or N	sed with a form to Lead Detern	al enforcement nined. If HPV i	t action. "Addre	"means the fac then the facility	ility has been a was not a Hig	addressed with h Priority Violat	a formal enforc	ement action, bi
						A/NPDES Com							
Statute:Source ID CWA:SC0000868		QTR1 Apr-Jun10	QTR2 Jul-Sep10	QTR3 Oct-Dec10	QTR4 Jan-Mar11	QTR5 Apr-Jun11	QTR6 Jul-Sep11	QTR7 Oct-Dec11	QTR8 Jan-Mar12	QTR9	QTR10	QTR11	QTR12
Non-compliance in Quarte	ır	No	No	No	Yes	No	No	No		Apr-Jun12	Jul-Sep12	Oct-Dec12	Jan-Mar13
SNC/RNC Status »					N(RptViol)	<u> </u>	 	140	No	No	No	No	No
Effluent Violations by NPD	ES Parame	ter:			,								
View effluent charts for all	parameters	Park Phone		THE RESIDENCE		and the same of							
		Sandy Service	te with Violatio			(or click	on paramete	names below	for individual pa	rameter charts	:)		
Effluent Violations are disp	layed as hig	ahest percenta	ige hy which th	e permit limit u	IDC Dunnadade					- Interest Gilday	·/		
Effluent Violations are disp unresolved SNC violations			-go by mmon a	c benny with M	ras exceeded to	or the quarter.	old, largepr	int indicates Sig	nificant Non-co	mpliance (SNO	C) effluent viola	tions.Shaded b	oxes indicate
													wado maidate
					F	RCRA Complia	non Status						
Statute:Source ID RCRA: SCD000828996		QTR1	QTR2	QTR3	QTR4	QTR5	QTR6	ores					
		Jul-Sep10	Oct-Dec10	Jan-Marii		Jul-Sep11	Oct-Dec11	QTR7 Jan-Mar12	QTR8	QTR9	QTR10	QTR11	QTR12
acility Level Status							DOC DOCTI	Jan-Mai 12	Apr-Jun12	Jul-Sep12	Oct-Dec12	Jan-Mar13	Apr-Jun13
Type of Violation	Agency												
					R	CRA Complia	ace Status						
Statute:Source ID		QTR1	QTR2	QTR3	QTR4	QTR5							
RCRA: SCD000829002	- 1	Jul-Sen10	Oct-Doc10			WIRO	QTR6	QTR7	QTR8	OTRO	OTD40	OTDIA	7

The first date displayed for a RCRA Violation corresponds to the violation determination date, and the next to the resolution date (if the violation has been resolved).

Notices of Violation or Informal Enforcement - AFS, PCS, ICIS-NPDES, RCRAInfo (05 year history)

			71 0,1 00, 1013-NF DES, RCRAINTO (US YE	Par hietony)	THE PERSON NAMED IN COLUMN	200 to
1	Statute	Source ID	Type of Action	ai mstory)		
ì	CAA	4504300002	STATE/LOCAL NOV ISSUED	Lead Agency	Date	7
	CAA		STATE/LOCAL NOV ISSUED	State	01/08/2010	╛
			STATE/LOCAL NOV ISSUED		07/21/2010	┪
	CWA		Letter of Violation/ Warning Letter		04/06/2011	┪
			Total Control	State	10/29/2010	ᅥ

Formal Enforcement Actions - (05 year history)

AFS, PCS, RCRAInfo, NCDB

Type of Violation

Statute	Source ID	Type of Action				Data Dictionary
CAA	4504300002	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	Lead Agency	Date	Penalty	Penalty Description
CAA		STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	06/10/2010	\$115,000	and a courplion
CAA		STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	06/10/2010	\$115,000	
CAA		STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	10/11/2011	\$77,000	
In some c		t actions may be entered both at the initiation and ford at the	State	10/11/2011	\$77,000	

In some cases, formal enforcement actions may be entered both at the initiation and final stages of the action. These may appear more than once above. Entries in italics are not "formal" actions under the PCS definitions but are either the initiation of an action or penalties assessed as a result of a previous action. This section includes US EPA and State formal enforcement actions under CAA, CWA and RCRA.

ICIS

Primary Law/Section Case Number Case Type Lead Agency Case Name Issued/Filed Date Settlement Date Federal Penalty State/Local Penalty Set	
	EP Cost Comp Action Cost
- No data records returned	cost Comp Action Cost
Federal enforcement actions and passificants	

Federal enforcement actions and penalties shown in this section are from the Integrated Compliance Information System (ICIS-FE&C). These actions may duplicate records in the Formal Enforcement Actions section.

Environmental Conditions

Permit ID	Watershed	Watershed Name			Data Dictionary
SC0000868		Carolina Canadal Canada Na	Receiving Waters	Impaired Waters?	Combined Sewer System?
			SAMPIT RIVER TO WINYAH BAY	NO	No

TRI History of Reported Chemicals Released in Pounds per Year at Site:29442NTRNTKAMIN

Chemical releases reported to TRI are provided for context and are not associated with non-compliance for that facility.

			Lucy geacovated will Hoth-Cottib				
Year/	Total Air Emissions	Surface Water Discharges	Underground Injections				
2002	2,163,221	98.032	and aground injections	Releases to Land	Total On-site Releases	Total Off-site Transfers	Total Releases and Transfers
2003	2,108,920	162,930		90,210	2,351,463	293,359	2,644,822
2004	2,146,790			82,185	2,354,035	70,026	
2005		182,613		70,220	2,399,623	.0,020	2,424,061
	2,692,488	110,117		39,150	2,841,755		2,399,623
2006	2,865,871	101,479		83,106	3,050,456		2,841,755
2007	2,205,892	102,419		90,801			3,050,456
2008	2,030,011	100,924			2,399,112		2,399,112
2009	1,831,918	177,594		97,695	2,228,630	86,304	2,314,934
2010	1,854,722	139,588		206,813	2,216,325		2,216,325
		103,088		265,991	2,260,301	58,892	
						00,032	2,319,193

TRI Total Releases and Transfers by Chemical and Year

Chemical releases and transfers are in pounds except where otherwise noted.

Chemical Name	2002	2003	2004	2005					
BARIUM COMPOUNDS	67.711			2005	2006	2007	2008	2009	20
COBALT COMPOUNDS	07,711	17,807	2,959	5,702	3,428	4,198	25,623	34,706	55.9
COPPER COMPOUNDS		4.069	 	<u> </u>				2,403	1
LEAD COMPOUNDS		4,009	2,364	1,487	2,669	2,859	7.714	4,915	7.1
MANGANESE COMPOUNDS	330,005	158,799	436	568	330	381	1,034	2,433	3.8
MERCURY COMPOUNDS	350,005	130,799	97,757	70,967	108,811	115,254	176,386	174.334	259,
NITRATE COMPOUNDS	20,285	20.082	33	32	20	18	17	7	9
POLYCYCLIC AROMATIC COMPOUNDS.	511	443	26,874	29,121	28,801	29.061	28,631	28,492	
ZINC COMPOUNDS	47.694		550	636	550	572	569	560	59
FORMALDEHYDE	21,868	37,458 20,382	35,699	36,620	43,528	46,423	50,078	58,542	50.8
FORMIC ACID	516		24,693	29,962	30,198	30,166	28,133	28,843	35.5
	310	521	556	559	561	564	563	569	

			4.500.070	2,030,898	2.053,657	1,513,300	1,410,580	1,155,691	1,085,20
METHANOL	1,500,940	1,554,140	1,586,070		63,304	65,204	61.704	62,245	64,672
CHLOROMETHANE	62,008	61,500	61,600	62,804	118.173	85,345	77,184	92,407	124,55
ACETALDEHYDE	126,807	124,875	111,081	113,628	118,173	05,545	.,,,,		
METHYL ETHYL KETONE	23,173	23,992							
NAPHTHALENE			19,165			10.242	9,851	47,502	48,71
PHENOL	10,200	9,990	9,664	9,876	10,032	10,343	73	97	
CATECHOL	92	93	90	97	73	74	/3	32,999	34.80
CRESOL (MIXED ISOMERS)								02,000	
	1,998	726							
LEAD	38	28					1006	5,024	4,562
MERCURY				8,206	2,948	3,078	4,365	160,162	156.90
VANADIUM (EXCEPT WHEN CONTAINE	215,000	184,000	173,000	183,000	179,000	193,000	177,000		208.36
HYDROCHLORIC ACID (1995 AND AF	99,381	99,319	135,865	139,453	298,334	183,577	146,508	139,163	166.1
AMMONIA		88,800	98,700	105,000	94,000	103,000	98,300	173,735	
SULFURIC ACID (1994 AND AFTER	95,600	650	658	829	829	885	721	714	654
CHLORINE	656		11,800	12,300	11,200	11,800	9,890	10.772	11,14
CHLORINE DIOXIDE	12,000	12,300	9	10	10	10	10	10	7
BENZO(G,H,i)PERYLENE	14	10	1 3	+ - 1	1	1	1	6	5
DIOXIN AND DIOXIN-LIKE COMPOUN	11	1	1 1		 				
VANADIUM COMPOUNDS	8,325	4,077							

Demographic Profile of Surrounding Area (3 Miles)

Open more detailed information in a new window (links leave OTIS): 1 Mi 3 Mi or 5 Mi.

This section provides demographic information regarding the community surrounding the facility. OTIS compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2000 US Census data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table(LRT) when available.

on public result of the environment obtained from the EPA Locational Refe	rence Table(LRT) when	available.		Households in area:	4,261
Radius of Area:	3 Miles	Land Area:	88.01%	Housing units in area:	4,816
Center Latitude:	33.367222	Water Area:	11.99%	Households On Public Assistance:	141
Center Longitude:	-79.310000	Population Density:	453.22/sq. mi. 54.75%	Persons Below Poverty Level:	2,561
Total Persons:	11,276	Percent Minority:	54./5%		

1	Total Persons: 11,270			- (0()	1
1			Age Breakdown:	Persons (%)	Ц
1	Race Breakdown	Persons (%)	Child 5 years and less:	990 (8.78%)	ì
. 1	White:	5,146 (45.64%)	Minors 17 years and younger:	3,211 (28.48%)	
	African-american:	5,821 (51.62%)		8.067 (71.54%)	
7111		339 (3.01%)	Adults 18 years and older:	1,655 (14.68%)	
	Hispanic-Origin:	119 (1.06%)	Seniors 65 years and older:	1,035 (14.0070)	:
1	Asian/Pacific Islander:				١.
	American Indian:	(0.00%)			1 3
200	Other/Multiracial:	175 (1.55%)			
					4 1

Other/Multifactal.			
Education Level	Persons (%)	Income Breakdown:	Households (%)
(Persons 25 & older)		Less than \$15,000:	1,143 (26.82%)
Less than 9th grade:	678 (10.43%)	\$15,000-\$25,000:	709 (16.64%)
9th-12th grades:	1,340 (20.61%)	\$25,000-\$50,000:	1,302 (30.56%)
High School Diploma:	2,226 (34.23%)	\$50,000-\$75,000:	699 (16.40%)
Some College/2-yr:	1,281 (19.70%)	Greater than \$75,000:	431 (10.11%)
B.S./B.A. or more:	978 (15.04%)	Cioda: Mai 713,	

Notice About Duration of Violations -- The duration of violations shown on this report is an estimate of the actual duration of the violations that might be alleged or later determined in a legal proceeding. For example, the start date of the violation as shown in the ECHO database is normally when the government first became aware of the violation, not the first date that the violation occurred, and the facility may have corrected the violation before the end date shown. In some situations, violations may have been corrected by the facility, but EPA or the State has not verified the correction of these violations. In other situations, EPA does not remove the violation flag until an enforcement action has been resolved.



This report was generated by the Integrated Data for Enforcement Analysis (IDEA) system, which updates its information from program databases monthly. The data were last updated: AFS: 06/22/2013. RCRAInfo: 06/19/2013. FRS: 06/22/2013. TRI: 02/07/2012. ICIS: 06/21/2013.

Some regulated facilities have expressed an interest in explaining data shown in the Detailed Facility Reports in ECHO. Please check company web sites for such explanations.





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Last updated on August 6th, 2013



Enforcement & Compliance History Online (ECHO)

You are here: EPA Home Compliance and Enforcement ECHO Search Data Search Results

Detailed Facility Report



Report

Data Dictionary

For Public Release - Unrestricted Dissemination Report Generated on 08/06/2013 US Environmental Protection Agency - Office of Enforcement and Compliance Assurance

Gray text in this report indicates information that is not required to be reported to EPA. These data, typically regarding non-major or smaller facilities, are often incomplete.

Facility Permits and Identifiers

Data Dictionary

Statute	System	Source ID	Facility Name	Street Address	City	State	T =:
	FRS	<u>110000353466</u>	INTERNATIONAL PAPER GEORGETOWN MILL	700 S. KAMINSKI ST.	GEORGETOWN		Zip 29440
TSCA	TSCA	<u>100600769</u>				-	<u> </u>
CAA	AFS	4504300002	INTERNATIONAL PAPER GEORGETOWN MILL	700 S KAMINSKI ST	GEORGETOWN	sc	29440
CAA	AFS	4504300044	INTERNATIONAL PAPER CONTAINER DIVISION	1480 INTERNATIONAL DR	GEORGETOWN	sc	29440
CAA	GGR	<u>1007912</u>	International Paper - Georgetown Mill	700 S. KAMINSKI ST.	GEORGETOWN	SC	29440
CWA	ICP	SC0000868	INTERNATIONAL PAPER/GEORGETOWN	700 S KAMINSKI ST	GEORGETOWN		29440
CAA	NEI	NEI41313	INTERNATIONAL PAPER:CONTAINER			sc	29440
CAA	NEI	NEI41314	INTERNATIONAL PAPER GEORGETOWN MILL			SC :	29440
RCRA	RCR	SCD000828996	INTERNATIONAL PAPER COMPANY	700 S KAMINSKI ST	GEORGETOWN	SC 2	29440
RCRA	RCR :	SCD000829002	INTERNATIONAL PAPER CONTAINER	HWY 17 SOUTH & KAMINSKI STREET	GEORGETOWN	SC 2	29440
EP313	TRI į	29442NTRNTKAMIN	INTERNATIONAL PAPER	700 S KAMINSKI ST	GEORGETOWN	SC 2	29440

Facility Characteristics

Data Dictionary

Statute	Source ID	Universe	Status	Areas	Permit Expiration Date	Latitude/ Longitude	Indian Country?	SIC Codes	NAICS Codes
	110000353466					LRT: 33.364166 , -79.303279	No		
CAA	4504300002	Major (Fed. Rep.)	Operating	MACT (SECTION 63 NESHAPS), TITLE V PERMITS , SIP , NSPS			INA I	2611 2621	322121

CAA	14504300044 1	Major (Fed. Rep.)		MACT (SECTION 63 NESHAPS), TITLE V PERMITS , SIP			NA	2653	322211
CAA	1007912	Direct emitter	2011 reporter	Industry type(s): Pulp and Paper Manufacturing, Stationary Combustion, Industrial Waste Landfills		33.3641, -79.3032	NA		322121
CWA	SC0000868	Major; NPDES Individual Permit	Effective		05/31/2016	33.367222, -79.310000	No	2631	
RCRA	SCD000828996	sqg	Active (H)				No		11112
RCRA	SCD000829002	CESQG	Active (H)				No		
EP313	29442NTRNTKAMIN					33.3633 , -79.2991	NA	2611 2621	322110 322130

If the CWA permit is past its expiration date, this normally means that the permitting authority has not yet issued a new permit. In these situations, the expired permit is normally administratively extended and kept in effect until the new permit is issued.

For the RCRA program, activities that contribute to an overall facility status of Active are displayed in parentheses using the acronym HPACS, where H indicates handler activities, P - permitting, A - corrective action, C - converter, and S - state-specific. More information is available in the Data Dictionary.

Inspection and Enforcement Summary Data

Data Dictionary

	Source ID	Insp. Last 05Yrs	Date of Last Inspection	Formal Enf Act Last 05 Yrs	Penalties Last 05 Yrs
Statute			08/02/2012	4	\$384,000
0.01	4504300002	T	08/24/2011	0	\$00
-	4504300044	Ĺ	09/02/2010	0	\$00
	SC0000868	4		0	\$00
RCRA	SCD000828996	1	02/24/2009	0	\$00
RCRA	SCD000829002	0	09/19/1995	U	1000

Compliance Monitoring History (05 years)

Data Dictionary

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
CAA	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	07/24/2008	-
CAA	4504300002	AFS		State	02/25/2009	
CAA	4504300002	AFS	OMBUSED (ODERATOR COMPLICTED	State	100/00/0000	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/05/2008	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/05/2008	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	09/04/2008	Result=STACK TEST PASSED ; Pollutant=NO
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	09/04/2008	Result=STACK TEST PASSED ; Pollutant=SO2
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	09/04/2008	Result=STACK TEST PASSED ; Pollutant=CO
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	03/04/2009	Result=IN COMPLIANCE
CAA	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	03/11/2009	

CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/04/200	Result=STACK TEST
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/08/200	PASSED o
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	05/06/200	9 Result=STACK TEST
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/17/200	PASSED Result=STACK TEST
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/17/2009	PASSED; Pollutant=SO2 Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/05/2009	Result=STACK TEST
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/17/2009	PASSED Result=STACK TEST
CAA	4504300002	AFS	STATE/LOCAL PCE/ON-SITE	State	06/06/2011	PASSED ; Pollutant=CO
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/24/2009	Regult-STACK TEST
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	12/21/2009	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/04/2009	Result-STACK TEST
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	02/26/2010	Result=IN COMPLIANCE
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/03/2010	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/20/2010	
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	05/05/2010	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/04/2010	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/04/2010	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	12/10/2010	
AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/09/2010	Result=STACK TEST PASSED ; Pollutant=PT
:AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/09/2010	Result=STACK TEST FAILED; Pollutant=VOC
'AA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State		Result=IN COMPLIANCE
AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	102/02/2011	Result=STACK TEST PASSED
AA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	05/03/2011	
AA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/27/2011	
AA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/03/2010	Result=STACK TEST PASSED
4.4	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State		Result=STACK TEST PASSED ; Pollutant=THAP
4.4	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	04/27/2011 R	Result=STACK TEST PASSED
4.4	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/28/2011	
4 A	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	07/07/2011	
1 <i>A</i>	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	00/03/2017	esult=STACK TEST ASSED
1 <i>A</i>	4504300002		OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	107721720111	esult=STACK TEST ASSED ; Pollutant=PT
1A	4504300002	AFS	STATE/LOCAL PCE/ON-SITE	State	06/19/2012	, onature i

AA 4:	504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	10/19/2011	
			OWNED/ODERATOR-CONDUCTED	State	11/02/2011	Result=STACK TEST PASSED ; Pollutant=THAP
AA 4	504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	02/15/2012	Result=IN COMPLIANCE
AA 4	504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/02/2012	Result=STACK TEST PASSED
AA 4	504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/15/2012	Result=STACK TEST PASSED ; Pollutant=PT
AA 4	504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	05/09/2012	Result=STACK TEST PASSED
	504300002	AFS		State	08/02/2012	
	1504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/01/2012	Result=STACK TEST PASSED
CAA 4	1504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/07/2012	Result=STACK TEST PASSED ; Pollutant=THAP
244	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	12/12/2012)
	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/13/2012	Result=STACK TEST PASSED ; Pollutant=SO2
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	03/25/2013	Result≂IN COMPLIANCE
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	06/26/2012	Result=STACK TEST PASSED ; Pollutant=NOX
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	06/26/2012	Result=STACK TEST PASSED ; Pollutant=TS
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/01/201	Result=STACK TEST PASSED ; Pollutant=SO2
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	01/25/201	3 Result=STACK TEST PASSED
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	10/22/200	8
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	11/05/200	8 Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	11/19/200	8
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	03/10/201	0
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	12/02/200	9 Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL CONDUCTED FCE/ON-SIT	E State	03/12/201	10
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/17/20:	10 Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	03/10/20	11
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/16/20	11 Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL CONDUCTED FCE/ON-SIT	E State	08/24/20	
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	12/13/20	12
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/07/20	12 Result=IN COMPLIANCE
EPCRA/ §313	2600053539	ICIS	Late/Non Reporter	EPA	09/07/20	11
CAA / §11 R 7	² 2600060370	ICIS	Evaluation	EPA	09/07/20	
CWA	SC0000868	ICP	Evaluation (CEI); NPDES - Base Program	State	09/16/20	009

CWA	SC0000868	ICP	Biomonitoring (CBI),Sampling (SA1),Evaluation (CEI); NPDES - Base Program	State	03/17/2010	
CWA	SC0000868	ICP	Evaluation (CEI); NPDES - Sanitary Sewer Overflow (SSO)	State	09/01/2010	
CWA	SC0000868	ICP	Evaluation (CEI); NPDES - Sanitary Sewer Overflow (SSO)	State	09/02/2010	
RCRA	SCD000828996	RCR	COMPLIANCE EVALUATION INSPECTION ON-SITE	State		No Violations Or Compliance Issues Were Found

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Data Dictionary

Information on the nature of $\underline{\text{alleged violations}}$ is available on the FAQ page.

Source ID	Current SNC/HPV?	Description	Current As Of	Qtrs in NC (of 12)
4504300002	NO			Gus III (C (OI 12)
4504300044	NO			3
SC0000868	NO			
SCD000828996	No			1
SCD000829002	No			0
4	1504300002 1504300044 3C0000868 3CD000828996	1504300002 NO 1504300044 NO 6C0000868 NO 6CD000828996 No	1504300002 NO Description 1504300044 NO SCO000868 NO SCO000828996 NO SCO00082996 NO SCO00082996 NO SCO00082996 NO SCO00082996 NO SCO00082996 NO SCO00082996 NO SCO0082996	1504300002 NO 06/22/2013 1504300044 NO 06/22/2013 15043000868 NO Jan-Mar13 150D000828996 No 06/19/2013 150D0000828996 NO 06/19/2012 150D0000828996 NO 06/19/2012 150D00000828996 NO 06/19/2012 150D00000828996 NO 06/19/200088996 150D000000088996 150D0000000000000

Three Year Compliance Status by Quarter

Data Dictionary

Violations shown in a given quarter do not necessarily span the entire 3 months. Information on the nature of <u>alleged violations</u> is available on the FAQ page, and information on the duration of non-compliance is available at the end of this report.

				AIR (Complianc	e Status						
Statute:Source ID CAA: 4504300002	QTR1 Jul- Sep10	QTR2 Oct- Dec10	QTR3 Jan- Mar11	QTR4 Apr- Jun11	QTR5 Jul- Sep11	QTR6 Oct- Dec11	QTR7 Jan- Mar12	QTR8 Apr- Jun12	QTR9 Jul- Sep12	QTR10 Oct- Dec12	QTR11 Jan- Mar13	QTR12 Apr- Jun13
HPV History	Addrs- State		Unaddr- State	Unaddr- State	Unaddr- State	Unaddr- State						Garre
Program/Pollutant in	Current Viol	ation					<u> </u>		L		l	L
MACT (SECTION 63 NESHAPS)	V-NO SCH											
TITLE V PERMITS	S- MSched											
SIP			V-NO SCH	V-NO SCH	V-NO SCH	V-NO SCH						
NSPS	! !	1 1										

High Priority Violator (HPV) History section: "Unaddr" means the facility has not yet been addressed with a formal enforcement action. "Addrs" means the facility has been addressed with a formal enforcement action, but its violations have not been resolved. Lead Agency designated can be US EPA, State, Both, or No Lead Determined. If HPV History is blank, then the facility was not a High Priority Violator. V=Violation; S=Compliance Schedule.

					AIR	Complia	nce Stati	12					
Statute:Source ID CAA: 4504300044	Ju	TR1 il- ep10	QTR2 Oct- Dec10	QTR3 Jan- Mar11	QTR4 Apr- Jun11	QTR5 Jul- Sep11	QTR6 Oct- Dec11	QTR7 Jan- Mar12	QTR8 Apr- Jun12	QTR9 Jul- Sep12	QTR10 Oct- Dec12	QTR11 Jan-	QTR12 Apr-
HPV History	T					 		11112	Julitz	Зерти	Dec12	Mar13	Jun13
Program/Pollutant in C	urrent	Violat	ion				L	<u> </u>			<u> </u>	<u> </u>	<u> </u>
MACT (SECTION 63 NESHAPS)													

TITLE V PERMITS	
SIP	

High Priority Violator (HPV) History section: "Unaddr" means the facility has not yet been addressed with a formal enforcement action. "Addrs"means the facility has been addressed with a formal enforcement action, but its violations have not been resolved. Lead Agency designated can be US EPA, State, Both, or No Lead Determined. If HPV History is blank, then the facility was not a High Priority Violator. V=Violation; S=Compliance Schedule.

				CWA/NPD	ES Con	npliance	Status					
Statute:Source ID CWA:SC0000868	QTR1 Apr- Jun10	QTR2 Jul- Sep10	QTR3 Oct- Dec10	1	QTR5 Apr- Jun11	QTR6 Jul- Sep11	QTR7 Oct- Dec11	QTR8 Jan- Mar12	QTR9 Apr- Jun12	QTR10 Jul- Sep12	QTR11 Oct- Dec12	QTR12 Jan- Mar13
Non-compliance in Quarter	No	No	No	Yes	No	No	No	No	No	No	No	No
SNC/RNC Status »				N (RptViol)								

View effluent charts for all parameters: Only Charts with Violations All Charts Custom Output

(or click on parameter names below for individual parameter charts)

Effluent Violations are displayed as highest percentage by which the permit limit was exceeded for the quarter. Bold, large print indicates Significant Non-compliance (SNC) effluent violations. Shaded boxes indicate unresolved SNC violations.

					RCRA	Compliar	nce Statu	s					T
Statute:Source ID RCRA: SCD000828996		QTR1 Jul- Sep10	QTR2 Oct- Dec10	QTR3 Jan- Mar11	QTR4 Apr- Jun11	QTR5 Jul- Sep11	QTR6 Oct- Dec11	QTR7 Jan- Mar12	QTR8 Apr- Jun12	QTR9 Jul- Sep12	QTR10 Oct- Dec12	QTR11 Jan- Mar13	QTR12 Apr- Jun13
Facility Level Status													
Type of Violation	Agency	<u> </u>											

					RCRA	Compliar	nce Statu	ıs		·····			
Statute:Source ID RCRA: SCD000829002		QTR1 Jul- Sep10	QTR2 Oct- Dec10	QTR3 Jan- Mar11	QTR4 Apr- Jun11	QTR5 Jul- Sep11	QTR6 Oct- Dec11	QTR7 Jan- Mar12	QTR8 Apr- Jun12	QTR9 Jul- Sep12	QTR10 Oct- Dec12	QTR11 Jan- Mar13	QTR12 Apr- Jun13
Facility Level Status													
Type of Violation	Agency										the resolu		(:c.u

The first date displayed for a RCRA Violation corresponds to the violation determination date, and the next to the resolution date (if the violation has been resolved).

Notices of Violation or Informal Enforcement - AFS, PCS, ICIS-NPDES, Data Dictionary RCRAInfo (05 year history)

	nfo (05 year ni	Type of Action	Lead Agency	Date	
Statute	Source ID		State	01/08/2010	
CAA	4504300002	STATE/LOCAL NOV ISSUED		07/04/0040	
CAA	4504300002	STATE/LOCAL NOV ISSUED	State	07/21/2010	
		STATE/LOCAL NOV ISSUED	State	04/06/2011	
CAA	4504300002		State	10/29/2010	
CWA	SC-N00018871	Letter of Violation/ Warning Letter	Otate		

Formal Enforcement Actions - (05 year history)

AFS, PCS, RCRAInfo, NCDB

Data Diction ary

AFS, FCS, NCKAIIIO	, 11022				
Statute Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description

		T				
CAA	4504300002	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	06/10/2010	\$115,000	
		STATE/LOCAL ADMINISTRATIVE ORDER ISSUED				
				06/10/2010	\$115,000	
CAA	4504300002	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	10/11/2011	\$77,000	
		STATE/LOCAL ADMINISTRATILES OF THE				
		THE PROPERTY OF THE ORDER ISSUED	State	10/11/2011	\$77,000	

In some cases, formal enforcement actions may be entered both at the initiation and final stages of the action. These may appear more than once above. Entries in *italics* are not "formal" actions under the PCS definitions but are either the initiation of an action or penalties assessed as a result of a previous action. This section includes US EPA and State formal enforcement actions under CAA, CWA and RCRA.

ICIS

Data Dictionary

Primary	Case	Case	Lead	Case	Issued/Filed	Settlement	Federal	State/Local	SEP	Comp
Law/Section	Number	Type	Agency	Name	Date	Date	Penalty	Penaity	Cost	Action
				- N	o data records	returned.				Cost

Federal enforcement actions and penalties shown in this section are from the Integrated Compliance Information System (ICIS-FE&C). These actions may duplicate records in the Formal Enforcement Actions section.

Environmental Conditions

Data Dictionary

Permit ID	Watershed	Watershed Name	Receiving Waters	Impaired Waters?	Combined Sewer System?
SC0000868	030402070012	Carolina Coastal-Sampit. N.C., S.C.	SAMPIT RIVER TO WINYAH BAY		No System ?

TRI History of Reported Chemicals Released in Pounds per Year at Site:29442NTRNTKAMIN

Data Dictionary

Chemical releases reported to TRI are provided for context and are not associated with non-compliance for that facility.

Year /	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers	Total Releases and
2002	2,163,221	98,032		90,210	2,351,463		Transfers
2003	2,108,920	162,930		82,185		293,359	2,644,822
2004	2,146,790				2,354,035	70,026	2,424,061
		182,613		70,220	2,399,623		2,399,623
2005	2,692,488	110,117		39,150	2,841,755		2,841,755
2006	2,865,871	101,479		83,106	3,050,456		
2007	2,205,892	102,419		90,801			3,050,456
2008	2,030,011				2,399,112		2,399,112
		100,924		97,695	2,228,630	86,304	2,314,934
2009	1,831,918	177,594		206,813	2,216,325		2,216,325
2010	1,854,722	139,588		265,991	2,260,301	58,892	2,319,193

TRI Total Releases and Transfers by Chemical and Year

Chemical releases and transfers are in pounds except where otherwise noted.

Chemical Name	2002	2003	2004	2225	T	<u> </u>			
	2002	2003	2004	2005	2006	2007	2008	2009	2010
BARIUM COMPOUNDS	67,711	17,807	2,959	5,702	3,428	4,198	25,623	34,706	55.970
COBALT COMPOUNDS						7,100	20,025		55,970
COPPER COMPOUNDS								2,403	
		4,069	2,364	1,487	2,669	2,859	7,714	4,915	7,147
LEAD COMPOUNDS			436	568	330	381	1.034	2.422	
MANGANESE COMPOUNDS	222.225				000	301	1,034	2,433	3,811
WATCHTESE COMPOUNDS	330,005	158,799	97,757	70,967	108,811	115,254	176,386	174,334	259,526

MERCURY COMPOUNDS			33	32	20	18	17	7	9
NITRATE COMPOUNDS	20,285	20,082	26,874	29,121	28,801	29,061	28,631	28,492	
POLYCYCLIC AROMATIC COMPOUNDS,	511	443	550	636	550	572	569	560	593
ZINC COMPOUNDS	47,694	37,458	35,699	36,620	43,528	46,423	50,078	58,542	50,848
FORMALDEHYDE	21,868	20,382	24,693	29,962	30,198	30,166	28,133	28,843	35,595
EODMIC ACID	516	521	556	559	561	564	563	569	
METHANOL.	1,500,940	1,554,140	1,586,070	2,030,898	2,053,657	1,513,300	1,410,580	1,155,691	1,085,203
CHLOROMETHANE	62,008	61,500	61,600	62,804	63,304	65,204	61,704	62,245	64,672
ACETALDEHYDE	126,807	124,875	111,081	113,628	118,173	85,345	77,184	92,407	124,550
METHYL ETHYL KETONE	23,173	23,992							
NAPHTHALENE			19,165						
PHENOL	10,200	9,990	9,664	9,876	10,032	10,343	9,851	47,502	48,714
CATECHOL	92	93	90	97	73	74	73	97	
CRESOL (MIXED ISOMERS)								32,999	34,804
LEAD	1,998	726							
MERCURY	38	28						<u> </u>	
VANADIUM (EXCEPT WHEN CONTAINE				8,206	2,948	3,078	4,365	5,024	4,562
HYDROCHLORIC ACID (1995 AND AF	215,000	184,000	173,000	183,000	179,000	193,000	177,000	160,162	156,909
AMMONIA	99,381	99,319	135,865	139,453	298,334	183,577	146,508	139,163	208,361
SULFURIC ACID (1994 AND AFTER	95,600	88,800	98,700	105,000	94,000	103,000	98,300	173,735	166,111
CHLORINE	656	650	658	829	829	885	721	714	654
CHLORINE DIOXIDE	12.000	12,300	11,800	12,300	11,200	11,800	9,890	10,772	11,147
BENZO(G,H,I)PERYLENE	14	10	9	10	10	10	10	10	7
DIOXIN AND DIOXIN-LIKE COMPOUN		1	1	1	1	1	1	6	5
VANADIUM COMPOUNDS	8,325	4,077							

Demographic Profile of Surrounding Area (3 Miles)

Data Dictionary

Open more detailed information in a new window (links leave ECHO): $\underline{1\ Mi\ 3\ Mi}$ or $\underline{5\ Mi}$.

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2000 US Census data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA $\underline{\text{Locational Reference Table(LRT)}}$ when available.

latitude and longitude at	e obtained nom		<u> </u>		4.261
D. H A noo.	3 Miles	Land Area:	88.01%	Households in area:	4,201
Radius of Area:	3 Miles		44.000/	Housing units in area:	4,816
Center Latitude:	33.367222	Water Area:	11.99%		+
	-79.310000	Population Density:	453.22/sq. mi.	Households On Public Assistance:	141
Center Longitude:	-79.510000		-4	Persons Below Poverty Level:	2,561
Total Persons:	11,276	Percent Minority:	54.75%	Persons below 1 overty 2000.	

- D L. J	Persons (%)	Age Breakdown:	Persons (%)
		Child 5 years and less:	990 (8.78%)
	5,146 (45.64%)	Minors 17 years and younger:	3,211 (28.48%)
African-american:	5,821 (51.62%)	Adults 18 years and older:	8,067 (71.54%)
Hispanic-Origin:	339 (3.01%)		1,655 (14.68%)
Asian/Pacific Islander:	119 (1.06%)	Seniors 65 years and older:	1,000 (1 1100 10)
American Indian:	(0.00%)		
Other/Multiracial:	175 (1.55%)		

Education Level	Persons (%)	Income Breakdown:	Households (%)
(Persons 25 & older)			

Less than 9th grade:	678 (10.43%)	Less than \$15,000:	1,143 (26.82%)	
9th-12th grades: 1,3	1,340 (20.61%)	\$15,000-\$25,000:	709 (16.64%)	
High School Diploma:	2,226 (34.23%)	\$25,000-\$50,000;	1,302 (30.56%)	
Some College/2-yr:	1,281 (19.70%)	\$50,000-\$75,000:	699 (16.40%)	
B.S./B.A. or more:	978 (15.04%)	Greater than \$75,000:	431 (10.11%)	

Notice About Duration of Violations -- The duration of violations shown on this report is an estimate of the actual duration of the violations that might be alleged or later determined in a legal proceeding. For example, the start date of the violation as shown in the ECHO database is normally when the government first became aware of the violation, not the first date that the violation occurred, and the facility may have corrected the violation before the end date shown. In some situations, violations may have been corrected by the facility, but EPA or the State has not verified the correction of these violations. In other situations, EPA does not remove the violation flag until an enforcement action has been resolved.



This report was generated by the Integrated Data for Enforcement Analysis (IDEA) system, which updates its information from program databases monthly. The data were last updated: AFS: 06/22/2013. RCRAInfo: 06/19/2013. FRS: 06/22/2013. TRI: 02/07/2012. ICIS: 06/21/2013.

Some regulated facilities have expressed an interest in explaining data shown in the Detailed Facility Reports in ECHO. Please check company web sites for such explanations.

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THE STATE OF SOUTH CAROLINA BEFORE THE DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

IN RE: INTERNATIONAL PAPER COMPANY GEORGETOWN COUNTY

CONSENT ORDER 11-054-A

The Department of Health and Environmental Control, Bureau of Air Quality ("Department") and International Paper Company, 700 South Kaminski Street, Georgetown, South Carolina, concur that in the interest of resolving this matter without delay and expense of litigation, International Paper Company agrees to the entry of this Consent Order, but neither agrees with nor admits the Findings of Fact or the Conclusions of Law, and therefore agrees that this Order shall be deemed an admission of fact and law only as necessary for enforcement of this Order or subsequent actions by the Department pursuant to the Department's Uniform Enforcement Policy for the Office of Environmental Quality Control.

FINDINGS OF FACT

WHEREAS subsequent to a review of available information, the Department finds the following:

- 1. International Paper Company owns and operates an integrated Kraft pulp, bleached fine paper, and market pulp facility ("International Paper Georgetown Mill"). Business filings at the Office of the South Carolina Secretary of State list International Paper Company as a foreign corporation registered in New York.
- 2. As a major source of hazardous air pollutant ("HAP") emissions, International Paper Georgetown Mill is subject to U.S. Environmental Protection Agency ("EPA") Regulations at 40 CFR 63, National Emission

Standards For Source Categories, Subpart S – National Emissions Standards For Hazardous Air Pollutants From The Pulp And Paper Industry, and 24A S.C. Code Ann. Regs. 61-62.63 (Supp. 2010), National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Source Categories, Subpart S – National Emission Standards for Hazardous Air Pollutants From the Pulp and Paper Industry (collectively, "Subpart S").

- 3. The Department issued Part 70 (Title V) Air Quality Operating Permit TV-1140-0002 ("Title V Permit") to International Paper Georgetown Mill, effective January 1, 2002.
- 4. The Title V Permit authorizes International Paper Georgetown Mill to operate, *inter alia*, Unit ID 01, power and recovery operations, including a black liquor oxidizer ("BLO") with methanol emissions controlled by a regenerative thermal oxidizer ("RTO").
- 5. On July 28, 2005, the Department issued Construction Permit 1140-0002-DC to International Paper Georgetown Mill granting permission to alternatively comply with Subpart S pursuant to U.S. EPA Regulations at 40 CFR 63, *National Emission Standards For Source Categories*, Subpart E *Approval Of State Programs And Delegation Of Federal Authorities* ("Equivalency by Permit"). Construction Permit DC required International Paper Georgetown Mill, *interalia*, to achieve a minimum 98% destruction removal efficiency ("DRE") of methanol emissions utilizing the RTO.
- 6. On April 5, 2007, the Department revised the Title V Permit to incorporate the requirements of Construction Permit 1140-0002-DC.

- 7. On December 9, 2010, International Paper Georgetown Mill conducted a Department-approved source test on the RTO to re-establish monitoring limits and operational ranges after extensive repairs to the RTO. On January 12, 2011, the Department received the emissions testing report which indicated that the DRE of methanol emissions from the RTO was 96%. Upon review of the emission report, the Department determined that the RTO did not meet the minimum DRE of 98% during the December 9, 2010, source test.
- 8. On April 6, 2011, the Department issued a Notice of Alleged Violation and Notice of Enforcement Conference to International Paper Company based on the results of the December 9, 2010, source test.
- 9. On April 27, 2011, International Paper Georgetown Mill conducted a Department-approved re-test on the RTO.
- 10. On May 3, 2011, the Department held an enforcement conference with International Paper Company to discuss the alleged violations. During the conference, International Paper Company attributed the violation of the permitted DRE to a malfunction of the RTO that allowed a small amount of BLO_x gases to bypass the combustion chamber. International Paper Company consulted the RTO manufacturer regarding the performance of the RTO where it was determined that the rotor was warped, thus causing the aforementioned gas leakage. Subsequently, International Paper Company ordered a new rotor which was installed prior to the April 27, 2011, re-test.
- 11. On May 18, 2011, the Department received the emission testing report for the April 27, 2011, re-test. The testing report indicates the DRE of methanol

emissions from the RTO was 98%. Upon review of the emission report, the Department determined that the RTO operated in compliance during the April 27, 2011, re-test.

CONCLUSIONS OF LAW

WHEREAS the Department concludes the following:

- 1. S.C. Code Ann. § 48-1-330 provides that any person violating any of the provisions of this chapter, or any rule or regulation, permit or permit condition, final determination or order of the Department, shall be subject to a civil penalty not to exceed ten thousand dollars per day of such violation.
- 2. S.C. Code Ann. § 48-1-90(a) provides that it shall be unlawful to discharge organic or inorganic matter into the environment except as in compliance with a permit issued by the Department.
- 3. Equivalency by Permit to Subpart S requires International Paper Georgetown Mill, *inter alia*, to: reduce total HAP emissions by 98% or more by weight.
- 4. International Paper Georgetown Mill violated U.S. EPA 40 CFR 63.443(d)(1), S.C. Code Ann. § 48-1-90(a), and 24A S.C. Code Ann. Regs. 61-62.63.443(d)(1)(Supp. 2010), in that it failed to achieve a DRE of 98% for methanol emissions from the RTO during a Department-approved source test conducted on December 9, 2010, pursuant to the limits established by Subpart S and the Title V Permit.

IT IS THEREFORE ORDERED with the consent of International Paper Company

and under authority of S.C. Code Ann. § 48-1-10, et seq. (2008 & Supp. 2010), The

Pollution Control Act, that International Paper Company shall:

1. Henceforth comply with the methanol reduction limits established in

Subpart S and the Title V Permit.

2. Within thirty (30) days of the execution date of this Order, pay to the

Department a civil penalty in the amount of seventy-seven thousand dollars

(\$77,000.00).

IT IS FURTHER ORDERED AND AGREED that this Consent Order governs only

the liability to the Department for civil sanctions arising from the matters set forth herein

and constitutes the entire agreement between the Department and International Paper

Company with respect to the resolution and settlement of these matters. The parties are

not relying upon any representations, promises, understandings or agreements except as

expressly set forth within this Order.

AND IT IS SO ORDERED.

FOR THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Date: ____11 October 2011___

Robert W. King, Jr., P.E. Deputy Commissioner Environmental Quality Control

	Date:
Myra C. Reece	
Bureau Chief	
Bureau of Air Quality	
	Date:
R. Keith Frost, Director	
Air Compliance Management Division	
Bureau of Air Quality	
Reviewed by:	
	Date:
Attorney Office of General Counsel	
FOR INTERNATIONAL	PAPER COMPANY
	Date:
	Date.
Signature	
Print or type name and title	
V NID	
KNR	

THE STATE OF SOUTH CAROLINA BEFORE THE DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

IN RE: INTERNATIONAL PAPER COMPANY GEORGETOWN COUNTY

CONSENT ORDER 10-037-A

The Department of Health and Environmental Control, Bureau of Air Quality ("Department"), and International Paper Company, 700 South Kaminski Street, Georgetown, South Carolina, concur that in the interest of resolving this matter without delay and expense of litigation, International Paper Company agrees to the entry of this Consent Order, but neither agrees with nor admits the Findings of Fact or the Conclusions of Law, and therefore agrees that this Order shall be deemed an admission of fact and law only as necessary for enforcement of this Order or subsequent actions by the Department pursuant to the Department's Uniform Enforcement Policy for the Office of Environmental Quality Control.

FINDINGS OF FACT

WHEREAS subsequent to a review of available information, the Department finds the following:

1. International Paper Company owns and operates an integrated Kraft pulp, bleached fine paper, and market pulp facility ("International Paper – Georgetown Mill"). Business filings at the Office of the South Carolina Secretary of State indicate that International Paper Company is registered as a foreign corporation in good standing in New York.

- 2. The Department issued Part 70 (Title V) Air Quality Operating Permit TV-1140-0002 ("Title V Permit") to International Paper Georgetown Mill, effective January 1, 2002.
- 3. The Title V Permit authorizes International Paper Georgetown Mill to operate, *inter alia*, Unit ID 01, power and recovery operations, including the No. 2 Recovery Boiler. An electrostatic precipitator and a scrubber control various pollutants from the No. 2 Recovery Boiler. Carbon monoxide ("CO") emissions and total reduced sulfur ("TRS") are controlled by good combustion practices.
- 4. U.S. Environmental Protection Agency Regulation 40 CFR Part 52, and South Carolina Air Pollution Control Regulation 61-62.5, Standard 7, *Prevention of Significant Deterioration* ("PSD"), define a "major stationary source," *inter alia*, as a facility that has the potential to emit more than 100 tons per year ("TPY") of any pollutant subject to regulation under New Source Review, including CO and TRS. PSD also defines modifications that will result in CO and TRS emissions increases greater than 100 TPY and 10 TPY, respectively, at a major source as "significant increases."
- 5. International Paper Georgetown Mill is a major stationary source for CO and TRS emissions. In 1989, International Paper Georgetown Mill conducted construction modifications to increase the production of the No. 2 Recovery Boiler. These modifications were a major modification pursuant to PSD because they resulted in a significant increase in potential CO and TRS emissions. The modifications required International Paper Georgetown Mill, either to accept Federally-enforceable limits to avoid the permitting requirements of PSD, or to complete a PSD review (i.e., submit a PSD application with Best Available

Control Technology analysis, install necessary emissions controls, and obtain a PSD permit).

- 6. International Paper Georgetown Mill chose to accept Federally-enforceable rolling 12-month emission tonnage limits of 1,715 TPY for CO, and 52 TPY for TRS. Those limits were sufficient to keep any net emission increases below the PSD significance levels.
- 7. International Paper Georgetown Mill also accepted a Federally-enforceable 12-month rolling average CO concentration limit of 450 parts per million ("ppm") on an annual average, to avoid the requirements of PSD.
- 8. The Title V Permit requires International Paper Georgetown Mill, *inter alia*, to:
 - a. Comply with the PSD-avoidance limits for CO and TRS emissions; and
 - b. Record actual production rates and maintain these records on-site for a period of at least five years from the date generated. These production rates, along with Department-approved emission factors and/or control efficiencies and site specific factors, must be used to calculate 12-month rolling emissions tonnage sums for CO and TRS emissions.
- 9. During a meeting with the Department on September 29, 2009, International Paper Georgetown Mill informed the Department of the results of an internal technical evaluation that was initiated by International Paper Georgetown Mill in December 2008 after concerns arose regarding the accuracy of the emissions factor used for calculating CO emissions from the No. 2 Recovery Boiler. During the meeting, International Paper Georgetown Mill

provided additional information to the Department regarding its previously communicated disclosure that calculations using the approved CO emission factor had been understating emission levels. According to International Paper -Georgetown Mill, the concern that the CO emission factor was in error, and causing the understating of emissions levels, was confirmed through independent stack testing of the No. 2 Recovery Boiler in December 2008 and an evaluation of CO emission levels recorded by a process control monitor that had been installed on the No. 2 Recovery Boiler for operational purposes many years ago. International Paper - Georgetown Mill asserts that in December 2008, within hours of learning that the on-going boiler emissions were higher than indicated by its emission factor calculations, it made immediate operational adjustments to the No. 2 Recovery Boiler to lower the CO emission rates to well-below compliance After making the operational adjustments, International Paper levels. Georgetown Mill commenced a detailed technical evaluation of historical CO emissions from the No. 2 Recovery Boiler and, using approximately five years of raw continuous emission monitoring system ("CEMS") data recorded by the process control monitor, calculated revised historical CO emissions. During the meeting, International Paper - Georgetown Mill presented to the Department the results of its technical evaluation, together with the comprehensive data set, which confirmed that the No. 2 Recovery Boiler had exceeded the PSD-avoidance limits for CO.

10. The Department reviewed the raw CEMS data, and on or about October 30, 2009, determined that International Paper – Georgetown Mill exceeded the 12-month rolling sum (TPY) for CO from April 2005 through July

2009. These exceedances ranged from 3,258 TPY in April 2005 to 1,724 TPY in July 2009. International Paper – Georgetown Mill also exceeded the 12-month rolling average ppm for CO from April 2005 through June 2009. These exceedances ranged from 957 ppm in April 2005 to 462 ppm in June 2009. International Paper subsequently provided to the Department revised historical CO emissions calculations. The revised calculations produced more precise CO values but still demonstrated CO exceedances. The revised CO exceedences ranged from 3,378 TPY in April 2005 to 1,767 TPY in July 2009. International Paper – Georgetown Mill also submitted revised calculations for the 12-month rolling average ppm for CO from April 2005 through June 2009. These revised exceedances for the 12-month rolling average ppm ranged from 763 ppm in April 2005 to 489 ppm in June 2009.

- 11. By letter from International Paper Georgetown Mill to the Department dated December 28, 2009, International Paper Georgetown Mill indicated that it planned to calibrate and certify the existing CEMS to monitor CO emissions, and submitted a CO Monitoring Plan to the Department for approval.
- 12. On January 8, 2010, the Department issued a Notice of Alleged Violation and Notice of Enforcement Conference to International Paper Georgetown Mill.
- 13. By e-mail on January 26, 2010, the Department granted International Paper Georgetown Mill permission to use the calibrated CEMS to monitor CO emissions and approved the CO Monitoring Plan.
- 14. On February 1, 2010, the Department received an amended semiannual summary report of emissions from International Paper Georgetown Mill. Based on the information contained in the report and as disclosed by International Paper

- Georgetown Mill, the Department determined that International Paper –
 Georgetown Mill had exceeded the 12-month rolling sum (TPY) for TRS in
 December 2008. The 12-month rolling sum for TRS in December 2008 was 54
 TPY. International Paper Georgetown Mill attributed the exceedance to incomplete combustion, and indicated that prior reports had not recognized the existence of the exceedance due to an incorrect air flow factor and incorrect black liquor solids data, both of which have been corrected.
- 15. On February 16, 2010, the Department held an enforcement conference with International Paper Georgetown Mill to discuss the alleged violations. During the conference, International Paper Company agreed that violations had occurred. International Paper Company indicated that it had made operational adjustments on the No. 2 Recovery Boiler, including air flow volume and pressure, and performed maintenance activities, including repair of air leakage, as corrective actions to return it to compliance.
- 16. Based on the most up-to-date CEMS data provided by International Paper Georgetown Mill, the 12-month rolling sum for CO measured 1,669 TPY in August 2009, the 12-month rolling average ppm for CO measured 442 ppm in July 2009, and the 12-month rolling sum for TRS in January 2009 measured 51 TPY.
- 17. International Paper Georgetown Mill has indicated that it plans to request a condition in its renewed Title V Permit to use CEMS as the compliance demonstration for CO emissions.

CONCLUSIONS OF LAW

WHEREAS the Department concludes the following:

- 1. S.C. Code Ann. § 48-1-330 states that any person violating any of the provisions of this chapter, or any rule or regulation, permit or permit condition, final determination or order of the Department, shall be subject to a civil penalty not to exceed ten thousand dollars per day of such violation.
- 2. S.C. Code Ann. § 48-1-90(a) requires that any source of organic or inorganic discharge of a pollutant into the environment must comply with its Department-issued permit.
- 3. International Paper Georgetown Mill violated S.C. Code Ann. § 48-1-90(a), in that it failed to limit CO emissions to 1,715 TPY, in accordance with the PSD-avoidance limit of the Title V Permit.
- 4. International Paper Georgetown Mill violated S.C. Code Ann. § 48-1-90(a), in that it failed to limit CO emissions to 450 ppm, in accordance with the PSD-avoidance limit of the Title V Permit.
- 5. International Paper Georgetown Mill violated S.C. Code Ann. § 48-1-90(a), in that it failed to limit TRS emissions to 52 TPY, in accordance with the PSD-avoidance limit of the Title V Permit.

IT IS THEREFORE ORDERED with the consent of International Paper – Georgetown Mill and under authority of S.C. Code Ann. §§ 48-1-10, et seq. (1976, as amended), that International Paper – Georgetown Mill shall:

- 1. Henceforth comply with the CO and TRS emissions limits in the Title V Permit.
- 2. Within fifteen (15) days of the execution date of this Order, submit to the Department revised semiannual reports for each reporting period for April 1, 2005, through December 31, 2009, to reflect updated CO emissions.

3. Within thirty (30) days of the execution date of this Order, pay to the Department a civil penalty in the amount of one hundred fifteen thousand dollars (\$115,000.00).

IT IS FURTHER ORDERED AND AGREED that this Consent Order governs only International Paper – Georgetown Mill's liability to the Department for civil sanctions arising from the matters set forth herein and constitutes the entire agreement between the Department and International Paper – Georgetown Mill with respect to the resolution and settlement of the matters set forth herein. The parties are not relying upon any representations, promises, understandings or agreements except as expressly set forth within this Order.

AND IT IS SO ORDERED.

FOR THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

	Date:June 10, 2010
Robert W. King, Jr., P.E.	
Deputy Commissioner	
Environmental Quality Control	
	Date:
Myra C. Reece	
Bureau Chief	
Bureau of Air Quality	
	Date:
R. Keith Frost, Director	
Air Compliance Management Division	
Bureau of Air Quality	

Reviewed by:	
Attorney Office of General Counsel	Date:
FOR INTERNATIONAL	PAPER COMPANY
Signature	Date:
Print or type name and title	
Signature	Date:
Print or type name and title	

a

BCS



Georgetown Mill 700 South Kaminski Street Georgetown, SC 29440

March 26, 2012

Engineering Services Division, Bureau of Air Quality South Carolina Department of Health and Environmental Control 2600 Bull Street Columbia, South Carolina 29201

RE:

Power Boiler Fuel Optimization Project

International Paper Georgetown Mill/Georgetown County

Permit No.: TV-1140-0002

Federal Express



Dear Sir or Madam:

As required by the exemption letter for Fuel Optimization for Nos. 1 and No. 2 Power Boilers (approved by SC DHEC BAQ on March 7, 2012), the International Paper Georgetown Mill is submitting the Operational Flexibility – Form OF and Form A for the Power Boiler Fuel Optimization Project. Please note that facility wide emission estimates provided are based on emission rates submitted in October 29, 2008, as the current version of the International Paper Georgetown Mill potential to emit emissions are currently under review.

If you have any questions, please contact Jacque Taylor at 843/545-2290 or electronically at jacquelyn.taylor@ipaper.com.

Sincerely,

Demoida

Jeannine M. Siembida Mill Manager

Attachments

cc:

EPA – Region 4 Air Permits Section / APTMD Matt Maxwell, SCDHEC Regional Office Sheryl Watkins/URS



Title V Permit Application Facility Profile - Form A Bureau of Air Quality Page 1 of 1



Please Refer to Instruction Pages Before Completing This Form

When filling out forms on the computer, use only use the return	the tab key to move your cursor - do not key.
FACILITY INF	ORMATION
Company Name for Permit: International Paper - Georgetown Mill	Existing State Air Permit Number: 1140-0002
A Ch-	Georgetown 5. State: SC 6. Zip Code: 29440-4708
	Georgetown 9. State: SC 10. Zlp Code: 29440-4708
Plant Location (Street or Highway): 700 S. Ratiniana GE	SIC Code: 2621 13. NAICS Code: 322110
County: Georgiapini	46 1 annihudar
EPA (AIRS) Facility Identification No.: SCD000828996 15. Latitude	
Dete Facility Was Built	The second secon
CONTACT IN	
SPONSIBLE OFFICIAL AUTHORIZED REPRESENTATIVE;	ENVIRONMENTAL / TECHNICAL CONTACT: 30. First: Jacque
Last Siembids 19. First Jeannine	29. Last laylor
Title: NEE Manager	31, Title: Mgr Environ Programs 32. Mailing Address Line 1: 700 S. Kaminski St.
Mailing Address Line 1: 700 S. Kemineki St.	22 Mailton Address Line 2:
Meiling Address Line 2: 24. State: SC 25. Zip Code: 29440-4708	34. City: Georgetown 35. State: SC 36.Zip Code: 29440-
City: Georgetown 24. Sizin. SC 25.24	37. Phone No.: (843) 545-2290 ext. 38. Fax No.: (843) 545-2480
Phone No.2 (00) STO 0122 01	39. E-mail Address: Jacquelyn.taylor@jpaper.com
	APPLICATION
D. Fecility Type: ☐ Conditional Major ☑ Title V ☐ Co-Located Facility (co-located facility) if yea, name and permit # of co-located facility)	
Damit Action:	Significant Modification
Modification: Administrative Amendment	(Submit Form SM) (Submit Form CF)
Attainment Area Designation: Is the source located within a non-attainment area for any of the	in criteria air posularies (
II 165 , Indicate Non-austrinos (Commission)	
certify, to the best of my knowledge and belief, that no applicable standards and/or regular entification submitted in this permit application is true, accurate, and complete based on in descriptions which are found to be incorrect may result in the immediate revocation of any permits	ATURES tions will be contravened or violated. I certify that any application form, report, or compliant formation and belief formed after reasonable inquiry. I understand that any statements and it issued for this application. The contravened or violated. I certify that any application form, report, or compliant formation and the compliant formation and the contravened or compliant formation and contravened or contrav
	Title One bline Mill Manager Date
 Responsible Official Signature/Authorized Representative Note* For change or addition of responsible official(s) submit Response 	ble Official (RO) Notification Form (see attachment E)
	IRM INFORMATION
4. Consulting Firm: URS Corporation	46. First Stephen
Preparer Name: 45. Last Stroud	
47. Mailing Address Line 1: 1600 Perimeter Park Orive	
48. Mailing Address Line 2: Suite 400	51. Zip Code: 27560-
49. City: Morrisville	50. State: NC
52. Phone No.: (919) 461-1243 ext. 53. Fax No.: (919) 461-1415	54. E-mail Address: stephen.stroud@urs.com

INCOMPLETE APPLICATIONS WILL BE RETURNED

52. Phone No.:



Operational Flexibility-Form OF Title V Permit Application Bureau of Air Quality Page 1 of 2

The South Carolina Department of Health and Environmental Control may modify the permit as described on this form through the procedures described in SC Regulation 61-62.70.7(e). If the facility is requesting an operational flexibility (502(b)(10)), complete Part I. If this request is in response to the operational flexibility condition in your existing permit, submit Part II of this Form. You must apply for an operational flexibility modification in writing by submitting this form along with Form A to the Department, Environmental Protection Agency, and the local Environmental Quality Control District Office. If new or modified unit(s) are placed into operation, the form must be submitted at least fifteen days prior to operation to satisfy the requirements of SC Regulation 61-62.1, Section II(B)(1). If a new construction permit was not required, the form must be submitted at least seven days in advance. Please Refer to Instruction / Definitions Pages Before Completing This Form

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	of this Permit Creanity and Elevity in Louis	4. Existing State Construction At Bernis Manham	7. Projected Actual Emissions		· · · · · · · · · · · · · · · · · · ·	19 Monthein Communication Co. 14		Fuel usage TV Condition GE CH CO			The second secon		4
OPERATIONAL FLEXIBILITY NOTIFICATION	emit Operational Flexibility Condition Request (Submit Part II confon of this Permit Operational Electristic Electristic	3. Notification Date PB01-12/19/2011	Emission		FOLLITANT INFORMATION	11. Aloxable Emission Rate 12 Monitoring							
The second second	al Flexibility Form) Pa	2012				10. List Poliulant(s) Affacted by the Chance	200		The state of the s		The second secon		
Bouest Type:	Submit Part I of this Operation	M): PB02 - 03/2	ctual Emissions:			9. Equipment ID	2 Dankban						
1. Modification R	2 Anticipated Da	(MMDDM)	5. Existing Actual	100	1	& Permit D	TV-1140-000			SAMPLE COMPANY			

DESCRIPTION OF CHAN

14. Describe why this operational flexibility change does not exceed any allowable emission rate. Describe why this change does not violate any applicable requirements or contravene any federally enforceable permit terms or conditions that are monitoring (Including test methods), recordkeeping, reporting or compliance certification requirements.
The Georgelown Mill operates two identical multiple fuel-fired boilers (Nos. 1 and 2 Power Boilers) for sleam production. The scope of this project is to optimize the fuel fining mix. Each Power

Increasing the combination of natural gas and hogged fuel the boilers fire will reduce the use of coal. The project will not increase the maximum firing rate or potential emissions of either boile Boller has three (3) levels of coal burners with each level consisting of two burners. The project will remove one level of the coal burners and replace with a level of natural gas burners. and no changes are necessary to current permit conditions.

Describe in detail why this change does not constitute a Title I modification and provide calculations (if applicable). The Power Boilers are currently subject to NSPS Subpart D. As this project will not result in any increase in maximum hourly emissions from the boilers, this project does not constitute a modification that requires review of applicability of NSPS Subpart Db.

Mail Completed Operational Flexibility Request Form and Supporting Documents to: eau of Air Quality

The Environmental Protection Agency Air Permits Section/ APTMD U.S. EPA Region 4 61 Forsyth Street, SW South Carolina Department of Health and Environmental Control Engineering Services Division, Bureau of Air Quality

Atlanta, GA 30303

Local District Environmental Quality Control Office

OHEC 2860 (02/2005)

Columbia, South Carolina 29201



Title V Permit Application Operational Flexibility—Form OF Part II Bureau of Air Quality Page 2 of 2 Permit Operational Flexibility

Permit	perauonai riexionity			
Purpo	OSE OF APPLICATION			
Permit Flexibility Basis: Per section TV Condition 5E.01.07 of permit flexibility condition	n. Date proposed change wil	PB01 - 03/2 PB02 - 03/2		
Description of proposed change: Remove one level of coal burners and replace with a	level of natural gas burners.			
图15 9 发生12 PS 2000 图10 PS 2000 PS 200	le concess four dis-	gram(s) attached? Yes	⊠ No	
Are emissions calculations attached? ☑ Yes ☐ No	is pocess for the			
is modeling required for this change? Yes No			1000	
If "Yes", is the proper modeling form Identify form(s): attached? Yes No Identify form(s): State why this change will not be subject to regulation under 40 CFR Parts 60, 61, 63, 3 and 2 Power Boilers are currently permitted to burn coal and natural ges. Emissions for apply as this project will not result in any increase in maximum hourly emissions from the boilers in 40 CFR 63, Subpart OCODO, when promulgated. This project does not constitute the project does not constitute	AND THE RESIDENCE OF THE PARTY	many hollage will be auchlant to	to the requirements for ext	e existing Nos. 1 abpart Db does not uting industrial
What is the net increase in actual VOC N/A emissions prior to this change? (TPY)	What is the net increa	ase in actual VOC	0	
The Mark No. 14 CT2 T Van DO No.			es consentation whi	en communicated.
is the source/unit currently requirement by a INNET !- I The source/unit currently the MACT and specify the current MACT requirement(s): Will be subject to the source of	act to the requirements for existing	industrial boilers in 40 CPR	83, Stopen Court, Mic	
to the course of currently subject to any existing permit limits or requirements that ma	ay be affected/triggered by this cha	inge? Yes El No		Per Section IV of
is the source/unit currently subject to any existing permit limits or requirements that may if "Yes", identify all that apply in detail. Note: No new permit limits, but with this change Standard 5.2, for existing units, the replacement burners must be low-NOx technology new natural gas burners will be low-NOx burners. Per Section VI, a tune-up plan will be recorde of the tune-ups will be maintained onsite.	or equivalent technology capable to be developed and the burners will be	of achieving a 30% reduction be tuned at least every two y	rears. The menunchors o	
Is this a Title V Facility? St Yes I No	Control of the second s	sional flexibility request attac	ned/ With Line	
Is confidential business information, as defined by the CBI rule, submitted with this app	plication under a separate cover?	☐ Yes ⊠ No		
If "Yes", is each "confidential" page marked "CONFIDENTIAL" in large red letters?] Yes [] No			
Have you attached a copy of this request to the On-Site Implementation Log?	es 🗵 No			4.8
	MISSION ESTIMATES ad, please do not state "se	COURDERS CUIRENCIE LI	for to Controlled Er	nissions After the
Emission Unit Pollutaria Modification	the Modification	Modification	CONTRACTOR SECURITION	TPY

	Afab	and the ent	EMISSION ES	STIMATES	e attachment	7	18.7	
	Uncontrolled En	nissions Prior to	Uncontrolled E	missions Alter	COMDONNO CUI	SPICITE LINE		cation
Pollutante*	FIGURE CONTRACTOR TO	TPY	lbiter	TPY	lb/hr	TPY	lb/hr .	TPY
0140		2636	Allegar IV	2,684		132		133
		A STATE OF THE PARTY OF THE PAR		2004		2,961		2,994
802		2,961				4 449		1,459
NOx		1,443	Constanting of	1,459	Archity (1989)	1,443		All the second second
co		1,221		1,248		1,221	Actual Miles	1,248
voc		30		33		30	ALE SHOW	33
	PM10 SO2 NOs	Pollutante PM10 SO2 NOx CO	Pollutants	Pollutants	Pollutants	Pollutants	Pollutants	Pollutants

Note: Emissions calculations must be attached with this form. These should include, but not be limited to, the basis used to arrive at the estimated rates, and the actual calculations. When literature values are used, please indicate where they were cited and submit a copy of the appropriate page(s) from the literature.

**************************************	Uncontrolled En	ust be entered, dissions Prior to lection	Uncontrolled i	Emissions After	Controlled Emis		Controlled En	fication
Pollutante	ibhr	TPY	lb/hr.	TPY	lb/hr .	TPY	ibhe	TPY
PM10		66,397		66,397	14-7	1,559		1,55
SO2		13,057	alleria e	13,057		8,261	¥	8,26
NOx		3,119	President	3,119		3,119	100000	3,11
		5,787		5,787		5,787		5,78
CO VOC		17,006		17,008		6,346		6,34

Table 1: Baseline Actual to Projected Actual PSD Applicability Analysis

P Georgetown Power Bolier Fuel Optimization Project
December 2011

		RECORD .	December 2011			
Pollutants	Baseline Actual Emissions (TPY)	Emissions Accommodated During Baseline (TDV)	Projected Actual	Project Related Emissions	PSD Signaticant Emission Rate	Below PSD SER
Carbon Monoxide	1 224		Linachoria (171)	Increase (TPY)	(TPY)	(JAN)
Nitrogen Oxides	777	1,384	1,248	0.0	100.0	>
Suffer Disciple	1,443	1,613	1.459	00		
Sound Charles	2,961	3.310	2 004	S.S.	40.0	>
Particulate Matter	124.8	2 64 7	4,000	0.0	40.0	\
PM-10	9:50	147.3	133.2	0.0	25.0	>
	131.8	147.3	133.2			
PM-2.5	2867	7 69		0.0	15.0	Υ
Ozone (VOC)		+600	5/.3	0.0	10.0	>
	29.5	34.6	33.4	00	0.07	
ORGI	0.1	10	, (40.0	\
Fluorides	20		-	0.0	9.0	>-
Sufficio Acid Mint	3.0	4.9	9.0	0.0	0.6	>
Card May	31.0	35.0	24.2	***		
Hydrogen Suffide	0.0	000		O.O	7.0	,
Total Reduced Suffur	0.0	200	0.0	0.0	10.0	>
C02e	0.0	0.0	0.0	0.0	100	>
	808.80a	1,020,927.4	915,621.1	CC	2000	-

Note: Increases are shown for only those pollutants that are expected to increase. The intent of this project is not to take credit for any reductions from switching fuel fired.

international Paper Georgetown Milit, Georgetown, SC Production Data

	-	Year 2 Actuals	_*	A at Capable of Accommodating	Capable of Accommodating	Capable of Accommodating Production ³	Future Actual Annual Production	Permitted Max Annual Production
Berner Boller Ciale Fload	June 2006 - May 2009)1	(June 2008 - May 2010)1	Average Actuals 1	u Production				1 145 945
TOWN DOWN IN THE PARTY IN THE P			1	224240	2,809,823	2,535,553	3 120 003	977 989
100	2 543 374	2,750,058			315.500	284,786	901.00	102 045
Pewer Boller Hog Fuer Perio Kate (Member)	285.644	308,856	1		30.350	16,420	3,483	5 525 GTS
No. 1 Power Boller Hog Fuel Ferrig Rate Dorto.	20.40	21.587	1	TA CARLO	THE ARE	417,056	88,71/	-
No. 1 Power Boller Coal Fating Rate (forts)	10000	548.317	500,005	267,000		0		100
No.1 Power Boller Coal Firing Rate (MMERL)	200	00	•			0		1,000,000
No 1 Power Bolor Propene Pitro Rate (MMsc)	00	00	0			4	201	931
Power Boller Property Parcy Rate (MMRRu)	9	000	*	=======================================	2	47 908	106.623	047,500
No 1 Power Boller Nat. Gas Firing Rate (MMRC)	=	20,000	26.450	13,134	2000	900	69	16,608
stor 1 Drower Bulber Nat Gas Fains Rate (MAGBa)	11,802	200	100	9 40	8	200.00	10.705	2,592,960
C Douge Bolley Of Febro Rate Glost	131	5	40.00		168'5	10,000	40 008	BA.254
A. S. Charles Co. Charles Date (ARERIA)	19,662	20,130	-	37.774	42,732	200	1 A09 AD4	1,357,800
A. S. Denner Charles Charles Charles Date AMARIN	35,060	44,055	900.00		916.246	1,363,631	4 448 880	5,185,920
11. C. D. Lee Tree Cales Date AMARIL	1,143,231	1,042,157	-		4,585,613	4,400,000	2 DAR 822	4,445,945
Town Date - Lander on Party Pater (MARRY)	4,367,911	4,443,618	4,470,960	3 245 259	2,431,560	2,839,900	THI CTS	490,320
D. D. St. Live Bank Briefs Balls Allegan	2,543,374	2,583,436	7,363,469		277,066	284,08	Y OTHER	102,085
A D. C. D. Line Line Evel Steen Buts Anna	286,544	280,143	10/07	20.769	36,483	16,040	700 191	2,222,973
NO.2 POWER DAME THOU DAY AND	27,046	24,786	0980		120,001	422,000	-	631
No 2 Power Down Con Carly Date Addition	686,957	629,787	27.5		۰	•		1,548,642
No. 2 Dougs Bullet Propage Fisher Rate (Midsol)	0		-		0	0	307	153
Lin D Douge Bolles Drovens From Rate (MARRIE)	•	0	,	-	37		100 024	647,560
11. 5 December 144 Cas Pinto Rale (Milled)	12	=		750	17,532	13,800	111	16,808
No. 2 Down Rober Nat Gas Febro Rate (MANSIL)	11,985	41,716	20,00		320	172	101.01	2,502,960
AL 2 D. Boller Cd Flores Rate Most	163	8		5767	47,943	W.'G	411.00	M.254
CONTRACTOR DESCRIPTION OF CHARGES	24,419	28,203	20.31	-	36,979	37,166	1 042 048	1,357,800
Z PUMP DOME OF THE DAY AND DAY	35,654	40,378	38,10		792,901	1,402,462	100.000	\$ 185,820
40.2 Power Boser Satage Fire Plans Date Alkabith	1,139,020	965,012	1,052,016	4 864 020	4,273,506	4,437,548	4,412,001	
NO 2 POWER BUSINESS LIVE AND ASSESS ASSESSED.	2777 844	4 288 532	4.305.073					

Reference:
1. Capable of Accomposing developed for CO, Nex. SO2, PM, PM-10, PM-25, VOC, Laad and CO2aq. The deving factor for these embasions is Hog Fuel fined and Total Madibu.
2. Capable of Accomposing developed for HF and M2504. The driving factor for these embasions is ToP combustion.
3. Capable of Accomposing developed for H2804. The driving factor for these embasions is TOP combustion.

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